

YNK-DBR No. 2918
Date 29.09.16

**Original/Duplicate/Triplicate
CONTRACT CERTIFICATE**
(For Other Works)

AEE/YNK SUB. DN
SBR No: 119/16-17
Date: 29/9/16

No.

Date: 2016

Division: BBMP / YNK

Sub-Division: Yelahanka Sub - Division.

Bill Received No.

Dated

Divisional

Cash Book Voucher No. Dated

Sub Divisional

Work Code: 002-16-000028.

Schedule Docket No. Head of Account:

Est. Cost: 5.00 Lakhs B.R. No. :

Name of Work : Maintenance of Existing Borewells at village areas in ward No- 02 of yelahanka Sub Division.

Name of Contractor and Full Address: M/s. Technical Manager (west) KRIDL BBMP Bangalore.

Reference to Agreement No. EE/YNK.D/ W.O/ 63 /2016-17

Date : 30-4-2016.

Certified that the measurements were taken by me on 19.9.16 and recorded of Pages 1001 to 1004 of measurement Book No. 1005 and that the work is satisfactorily executed.

Assistant Executive Engineer
Byataravanapura Sub-division

Officer-in-charge of work

Certified that the measurements were taken by me on and found correct. The work is satisfactorily executed. KRIDL, BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.
- 3) " Balance
- 4) Deduct Payment:

- a) Amount of previous payment as in the Office Cash Book Voucher

No. Dated. S.D. No.

adjusted towards cash advance recovery of

- b) Payments } cost store or other material supplied.
- Now made } recovery of amount creditable to this/other work
- Amount paid on this bill Cheque / Cash.

- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No. dated. less adjustments.
- 7) Net amount due to or from Contractor unadjustments items.
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

Bill	Amount
	497778=00
FSD	24890=00
IT	9956=00
KST	19912=00
EWf	4978=00
CBF	500=00
LR	4264=00
T-D	64500=00
Net.	433278=00

Total amount adjusted -

Assistant Executive Engineer

Byataravanapura Sub-division

KRIDL, BBMP, Bangalore

Received Rs. (in words)

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Dated

Paid by me by Cheque No.

Cash Rs.

Dated

Initials of Officer making payment

Assistant Executive Engineer
Byataravanapura Sub-division
KRIDL, BBMP, Bangalore

Stamp

433278=00
64500=00

Executive Engineer

Sl no	Description of work	Unit
1	Lifting of Submersible Pump set (P.56/I.10.3.21 RDED SR (2012-13)	No
2	Transportation of pumping machineries (P.46/I.10.3.19)RDED SR (2012-13)	No
3	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months. RDED SR (2012-13)P NO.54/ I,NO.A)	
	a) -Do - above 3HP upto 5HP	No
	b) -Do - above 5HP upto 10HP	No
	(Above 5HP upto 10HP add Rs.120/- for every 1/2 HP)	
	B) Replacement of Motor Parts:	
4	Above 5HP Stator (with one year Gurantee) No.55/I.no.10.3.3C(2)RDED SR (2012-13)	No
5	Above 5HP Rotor (with one year Gurantee) P.No.55/I .10.3.6C(2)RDED SR (2012-13)	No
6	Upper Flange P.No.55/I No.10.3.7 RDED SR (2012-13)	No
7	Lower Housing P.No.56/I No.10.3.10 RDED SR (2012-13)	No
8	Lower Flange P.No.55/I No.10.3.8 RDED SR (2012-13)	No
9	a) Carbon Housing P.No.56/I No.10.3.12 RDED SR (2012-13)	No
10	b) Thrust bearing block assembly complete with Segment bearing pad P.No.56/I No.10.3.13 RDED SR (2012-13)	No
11	c) Tip Carbon /Ferrodo pading P.No.56/I No.10.3.14RDED SR (2012-13)	No
12	Bearing (Gun metal)Centrifugal cast Aluminium Bronze, bearing bush P.No.56/I No, RDED SR (2012-13)	No
13	Motor Base with pin P.No. 56/ I No.10.3.18 RDED SR (2012-13)	No
14	Re-erection charges of pumping machineries including overhauling and painting P.No.56/I No 10.3.20,RDED SR (2012-13)	No
15	Labour Charge (overhauling Motor only) P.No.56/ I No.10.3.22 RDED SR (2012--13)	No
16	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls P.No.54 / I No B1 RDED SR (2012-13)10.2.1	No
17	Intermediate piece (I.P) with IP leaded bronze bush P.No. 54/ I No.10.2.2B2 RDED SR (2012-13)	No
18	Oil seal P.No. 54/ I No.10.2.3 B3 RDED SR (2012-13)	No
19	Oil seal steel bush P.No. 54/ I No.B410.2.4 RDED SR (2012-13)	No
20	Guide vane Pno 54/I No B5 RDED (2012-13) 10.2.5	No
21	Impeller (shell moulded with aluminium and Bonze) P No 39/ I no B6 RDED SR 2002-03	No
22	a) Discharge outlet (D.O) Bearing D.O Steel Bush P.No. 54/ I No.10.2.6B7 RDED SR (2012-13)	No
23	b)D.O Bearing P.No. 54/ I No.B7 RDED SR (2012-13)10.2.7	No
24	Steel bush (D.O) steel bush) P.No. 54/ I No.10.2.9 B8 RDED SR (2012-13)	No
25	Allen Screw P.No. 54/ I No.10.2.10 RDED SR (2012-13)	No
26	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) P.No. 55/ I No.10.2.11 RDED SR (2012-13)	No
27	Pump key (Stainless steel) P.No. 55/ I No.10.2.12 RDED SR (2012-13)	No
28	Pump coupling (stainless steel) P.No. 55/ I No.10.2.1312RDED SR (2012-13)	No
29	Non - Return valve (NRV) assembly complete with rubber 'O' Ring P.No. 55/ I No10.2.14 RDED SR (2012-13)	No
30	Cable guard P.No. 55/ I No.10.2.15 RDED SR (2002-03)	No
31	Strainer P.No. 40/ I No.15RDED SR (2012-13)	No
32	Providing and fixing 50 mm dia heavy duty collar SE RDED Approved rate	No

Previous Measurement		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	2 ✓	850.00 ✓	1700.00	2.00	1700.00	
-	-	2 ✓	900.00 ✓				
-	-			0.00	0.00	0.00	
-	-	2 ✓	2500.00 ✓	5000.00	2.00	5000.00	
-	-	2 ✓	3700.00 ✓	7400.00	2.00	7400.00	
-	-			0.00	0.00	0.00	
-	-			0.00	0.00	0.00	
-	-	2 ✓	5050.00 ✓	10100.00	2.00	10100.00	
-	-	2 ✓	4700.00 ✓	9400.00	2.00	9400.00	
-	-	2 ✓	350.00 ✓	700.00	2.00	700.00	
-	-	2 ✓	650.00 ✓	1300.00	2.00	1300.00	
-	-	2 ✓	350.00 ✓	700.00	2.00	700.00	
-	-	2 ✓	475.00 ✓	950.00	2.00	950.00	
-	-	1 ✓	1150.00 ✓	1150.00	1.00	1150.00	
-	-	2 ✓	150.00 ✓	300.00	2.00	300.00	
-	-	2 ✓	400.00 ✓	800.00	2.00	800.00	
-	-	2 ✓	475.00 ✓	950.00	2.00	950.00	
-	-	1 ✓	950.00 ✓	950.00	1.00	950.00	
-	-	1 ✓	550.00 ✓	550.00	1.00	550.00	
-	-	2 ✓	700.00 ✓	1400.00	2.00	1400.00	
-	-	2 ✓	450.00 ✓	900.00	2.00	900.00	
-	-	2 ✓	125.00 ✓	250.00	2.00	250.00	
-	-	2 ✓	150.00 ✓	300.00	2.00	300.00	
-	-	2 ✓	175.00 ✓	350.00	2.00	350.00	
-	-	2 ✓	425.00 ✓	850.00	2.00	850.00	
-	-	2 ✓	445.00 ✓	890.00	2.00	890.00	
-	-	2 ✓	285.00 ✓	570.00	2.00	570.00	
-	-	2 ✓	150.00 ✓	300.00	2.00	300.00	
-	-	3 ✓	25.00 ✓	75.00	3.00	75.00	
-	-	2 ✓	950.00 ✓	1900.00	2.00	1900.00	
-	-	2 ✓	125.00 ✓	250.00	2.00	250.00	
-	-	1 ✓	250.00 ✓	250.00	1.00	250.00	
-	-	1 ✓	1350.00 ✓	1350.00	1.00	1350.00	
-	-	1 ✓	150.00 ✓	150.00	1.00	150.00	
-	-	1 ✓	150.00 ✓	150.00	1.00	150.00	
-	-	2 ✓	130.00 ✓	260.00	2.00	260.00	

sl no	Description of work	Unit
33	KSRB 2-1.1:Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.1, PWD SR 15-16)	Cum
	for PVC pipe	
34	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and including lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the excavation Etc., Page No.12 item No.3.4.2 b PRED SR 2012-13	Rmtr
	75 mm dia 6 KSC PVC pipe	
	63mm dia 6 KSC	
35	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 15-16)	cum
36	Providing and constructing stand post of size 1.2m x 1.22m for public fountain with stone posts of size 0.45x1.22x0.10m with top rounded with holes of 25mm size with stone pot rest of 0.45x0.30x0.20m with central dip and kerb stone 8 cms thick 20cms wide alround with top rounded with cement concrete plat form 1:2:4 proportion 10cms thick and smooth finishing with cement mortor 1:3 to the exposed faces with necessary frame work and curing including two line dressing to all stones exposed and construction of lead off drains as per directions of departmental officers and necessary earthwork excavation and disposing off the excavated earth as directed with all leads and lifts etc complete. P 20 Item No 3.16 of PRED SR for 2012-13	Each
37	Cleaning of borewells including yeild testing of Borewell either using Slow or fast Rig for not more than 2 hours at the final depth with a minimum working of 2 hours continuously with air compressor or suitable pump as per specification including the cost of consumbles etc complete P 49 Item no 9.5 of PRED SR 2012-13	Each
38	Logging/scanning of borewell at any depth continuously with the help of Logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc. P 49 Item No 9.7	Each
39	Providing and constructing Platform in CC 1:2:4 proportion using hard granite of basalt or trap jelly of 20mm down size for india Mark - III (VLOM) hand pump as per approved drawing enclosed to the SR according to IS 13056:1991 (Unicef standards) including machine mixing laying tamping curing and smooth finishing to exposed faces in CM 1:3 with necessary moulds including earthwork excavation with all leads for materials etc complete. page No 50 Item No 9.11 RDED SR 2012-13	Each
	construction of MINI WATER SUPPLY TANK	
40	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2015-16	cum
41	KSRB 100-1 Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumping turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 cost of haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 130 (SR 2015-16)	cum
42	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2, No. 12/ Item No. 4.2/ PWD SR 2015-16	Cum
43	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2015-16	Cum

Previous Measurement		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-			0.00	0.00	0.00	
-	-	275.40 ✓	283.02 ✓	77944.00 ✓	275.40	77944.00 ✓	
-	-			0.00	0.00	0.00	
		340.00 ✓	157.00 ✓	53380.00	340.00	53380.00	
		340.00 ✓	112.00 ✓	38080.00	340.00	38080.00	
		275.40 ✓	76.32 ✓	21019.00	275.40	21019.00	
		10.00 ✓	2788.21 ✓	27882.00	10.00	27882.00	
		2.00 ✓	10431.84 ✓	20864.00	2.00	20864.00	
		3.00 ✓	1646.97 ✓	4941.00	3.00	4941.00	
		3.00 ✓	7584.92 ✓	22755.00	3.00	22755.00	
				0.00	0.00	0.00	
		18.23 ✓	188.68 ✓	3440.00	18.23	3440.00	
		18.23 ✓	84.02 ✓	1532.00	18.23	1532.00	
		2.50 ✓	5139.94 ✓	12850.00	2.50	12850.00	
		22.40 ✓	4058.74 ✓	90916.00	22.40	90916.00	

sl no	Description of work	Unit
44	KSRB-4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth , including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 /P. No. 12/ Item No. 4.5/ PWD SR 2015-16	Cum
45	RCC Pipes NP2 1200mm dia including collars SI No 604 Code No 0830 Page No XXI PWD SR 2015-16	Mtrs
46	Providing, GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc., complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe (SR 15-16 PWD Page No XVII code No 509, 0154)B class Pipe 50mm dia	Rmtr
47	Labour charges for giving 50mm dia GI pipe end connection from rising main to cisten including cutting threading conveying laying and jointing etc complete inclusive of fixing 4 Nos of 20mm dia GI pipes with taps to the cisten P 19 Item No 3.13 of PRED SR 2012-13	Each
48	Erection of RCC Hume pipe pump house / cisten on size stone masonry platform including transportation charges and handling with all necessary tools and plants complete as directed by the Engineer in charge of work.P 20 Item No 3.17 of PRED SR 2012-13	Each
		TOTAL

Certificates:

- 1 The above work is done satisfactorily and complete in all respect.
- 2 There is no department Material issue for the above work.
- 3 This works comes under BBMP Limit.

